

5th Semester/Architectural Assistantship
Subject : Building Materials & Construction IV

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Full form of MDF

- a) Medium Density Fiber Board
- b) Medium Ductile Fiber Board
- c) Meridian Density Fiber Board
- d) All of above

Q.2 The material recommended for roof is

- a) Glass
- b) thermocoal
- c) Linoleum
- d) None of these

Q.3 Shingles are made by

- a) Cement
- b) Steel
- c) Both A & B
- d) Wood

Q.4 Plywood is made by

- a) By gluing 3 or more layers of veneers
- b) By gluing slate
- c) By gluing hardwood
- d) None of these

- Q.5 Pan tiles are used for making
- a) Floors
 - b) Roofs
 - c) Doors
 - d) Ventilators
- Q.6 Fiberboard are made by
- a) Mixture of Saw dust, fibers of wood and glue
 - b) Gluing of plywood
 - c) Gluing of hardwood board
 - d) None of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Define additives.
- Q.8 Define thermo coal.
- Q.9 Define and write full form of WC.
- Q.10 Define Ferro Cement Sheets
- Q.11 Define grade of plywood.
- Q.12 Define mangalore tiles.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Define Fiber Glass and where it is used.
- Q.14 Draw a neat sketch of kitchen sink.
- Q.15 Define uses of fiber board and hard board.

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- Q.16 Explain different types of roof tiles available in the market.
- Q.17 Define GI Sheets in detail.
- Q.18 Explain water proofing agents and how they are useful?
- Q.19 How workability increasing agents works?
- Q.20 Differentiate between AC sheets and GI sheets.
- Q.21 Differentiate between Cellotex Board and Fiber Board.
- Q.22 Describe the properties Ferro cement sheets.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Describe the properties of water repellants and water proofing agents.
- Q.24 Explain standard sizes, uses and availability of corrugated PVC sheets.
- Q.25 Differentiate between Pan tiles and Mangalore tiles.

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